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INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/US2004/029996

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C08G59/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C08G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|---|-----------------------|
| X | EP 1 099 730 A (VANTICO AG) 16 May 2001 (2001-05-16) paragraph '0023! example 11 claims 1-4 ----- | 1, 3-6, 8, 9 |
| X | EP 0 051 311 A (UNION CARBIDE CORP) 12 May 1982 (1982-05-12) page 2, line 1 - line 10 page 3, line 1 - line 5 page 3, line 15 - line 17 page 11, line 9 - line 10 examples claims 1,2 the whole document ----- | 1, 3-6, 8, 9 |
| Y | ----- | 1-9 |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

22 December 2004

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29/12/2004

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|--|---|-----------------------|
| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| Y | EP 1 285 938 A (GEN ELECTRIC) 26 February 2003 (2003-02-26) page 7, line 4 - line 10 examples claims 1,5,8,10 ----- | 1-9 |
| A | US 2003/059618 A1 (TAKAI HIDEYUKE) 27 March 2003 (2003-03-27) paragraphs '0023!, '0027!, '0094! claims 1,4,7,9-12 ----- | 1-9 |

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| | |
|-------------------|----------------|
| Int'l | application No |
| PCT/US2004/029996 | |

| Patent document cited in search report | Publication date | Patent family member(s) | | Publication date |
|--|------------------|-------------------------|--|------------------|
| EP 1099730 | A 16-05-2001 | AT 248898 T | | 15-09-2003 |
| | | AU 6970200 A | | 17-05-2001 |
| | | BR 0005328 A | | 12-06-2001 |
| | | CA 2325271 A1 | | 10-05-2001 |
| | | CN 1296047 A | | 23-05-2001 |
| | | DE 50003515 D1 | | 09-10-2003 |
| | | EP 1099730 A1 | | 16-05-2001 |
| | | ES 2204486 T3 | | 01-05-2004 |
| | | HU 0004455 A2 | | 28-06-2001 |
| | | JP 2001200200 A | | 24-07-2001 |
| | | PL 343719 A1 | | 21-05-2001 |
| | | PT 1099730 T | | 30-01-2004 |
| | | TR 200003237 A2 | | 23-07-2001 |
| | | TR 200302079 T4 | | 21-01-2004 |
| | | TW 515829 B | | 01-01-2003 |
| | | US 2003149193 A1 | | 07-08-2003 |
| | | US 6437045 B1 | | 20-08-2002 |
| EP 0051311 | A 12-05-1982 | AT 28205 T | | 15-07-1987 |
| | | DE 3176297 D1 | | 13-08-1987 |
| | | EP 0051311 A1 | | 12-05-1982 |
| | | JP 57105420 A | | 30-06-1982 |
| | | JP 60008246 B | | 01-03-1985 |
| | | US 4434286 A | | 28-02-1984 |
| EP 1285938 | A 26-02-2003 | US 2003071368 A1 | | 17-04-2003 |
| | | EP 1285938 A1 | | 26-02-2003 |
| | | JP 2003176333 A | | 24-06-2003 |
| | | US 2003208008 A1 | | 06-11-2003 |
| US 2003059618 | A1 27-03-2003 | JP 2002275169 A | | 25-09-2002 |
| | | JP 2002338659 A | | 27-11-2002 |
| | | JP 2003013001 A | | 15-01-2003 |
| | | CA 2439608 A1 | | 03-10-2002 |
| | | CN 1458927 T | | 26-11-2003 |
| | | EP 1389615 A1 | | 18-02-2004 |
| | | WO 02076966 A1 | | 03-10-2002 |
| | | US 2004242839 A1 | | 02-12-2004 |